



UNITED STATES PATENT AND TRADEMARK OFFICE

8/26/04

Page 1 of 2

✓ JFW

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/749,118	12/30/2003	Richard Lennox Boyd	NOR-012CP2 (286336-151)

23483  
HALE AND DORR, LLP  
60 STATE STREET  
BOSTON, MA 02109



CONFIRMATION NO. 3277

FORMALITIES LETTER



\*OC000000012673107\*

Date Mailed: 05/14/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$854** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1304** for a Small Entity

	08/26/2004 BSAYASII 00000066 080219 10749118
• \$385 Statutory basic filing fee.	01 FC:2001 385.00 DA
• \$65 Late oath or declaration Surcharge.	02 FC:2051 65.00 DA
	03 FC:2203 145.00 DA
	04 FC:2201 129.00 DA
• Total additional claim fee(s) for this application is \$854	05 FC:2202 414.00 DA

- \$215 for 5 independent claims over 3.
- \$639 for 71 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

R&SAN709  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

AUG 25 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$ 1,348.00)
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## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

08-0219
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Deposit  
Account  
Number  
Deposit  
Account  
Name

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			385.00
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
<b>SUBTOTAL (1)</b>		<b>(\$ 385.00)</b>			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	66	-20** = 46	x 9	= 414
Independent Claims	6	- 3** = 3	x 43	= 129
Multiple Dependent			145	= 145

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ 688.00)</b>

\*\*or number previously paid, if greater; For Reissues, see above

## Complete if Known

Application Number	10/749,118
Filing Date	December 30, 2003
First Named Inventor	Boyd
Examiner Name	TBA
Art Unit	1645
Attorney Docket No.	NOR-012CP2 and 286336.151

## FEE CALCULATION (continued)

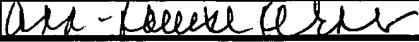
## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	210.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3) (\$ 275.00)</b>			

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Ann-Louise Kerner, Ph.D.	Registration No. (Attorney/Agent)	33,523	Telephone	617-526-6000
Signature				Date	August 25, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket Nos. NOR-012CP2 and 286336.151)

In re Application of: Boyd ) Examiner: TBA  
Serial No: 10/749,118 )  
Filed: December 30, 2003 ) Art Unit: 1645

For: NORMALIZATION OF DEFECTIVE T CELL RESPONSIVENESS THROUGH  
MANIPULATION OF THYMIC REGENERATION

\*\*\*\*\*  
CERTIFICATION OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that the attached papers are being deposited with the United States Postal Service as Express Mail (Label No. EV507048925US) under 37 C.F.R. § 1.10 addressed to: MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

08/25/2004  
Date:

  
Amanda Ripley

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

\*\*\*\*\*  
RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION  
Filed Under 37 C.F.R. 1.53(b)

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application, mailed May 14, 2004, Applicant submits the following documents for filing in the above-referenced patent application:

1. Copy of the Notice to File Missing Parts of Nonprovisional Application, mailed May 14, 2004;
2. Executed Declaration and Power of Attorney;
3. Payment of \$65.00 Late Declaration Surcharge (*deposit account authorization on page 2*);
4. Payment of \$385.00 Basic Filing Fee (*deposit account authorization on page 2*);
5. Copy of Preliminary Amendment as Filed on August 13, 2004 (*as evidence of amended claims fees – see items 6 and 7 below*);
6. Payment of \$129.00 Excess Independent Claims Fee (*deposit account authorization on page 2*);
7. Payment of \$414.00 Excess Total Claims Fee (*deposit account authorization on page 2*);
8. Payment of \$145.00 Multiple Dependent Claim Surcharge (*deposit account authorization on page 2*);

Response to Notice to File Missing Parts

Appln. No. 10/749,118

Page 2

9. Request for Two Months' Extension of Time Under 37 C.F.R. §1.136(a);
10. Payment of \$210.00 Extension Fee (*deposit account authorization below*);
11. Fee Calculation Sheet (Form PTO/SB/17);
12. Certificate of Express Mailing; and
13. Return Postcard.

The Notice to File Missing Parts states that there are 5 independent claims over 3 and that there are 71 total claims over 20. Applicant has enclosed a copy of the Preliminary Amendment as filed on August 13, 2004 (*see item number 5 above*) and has calculated the claims fees due according to the amended claims (3 independent claims over 3 and 46 total claims over 20).

The fees identified in item numbers 3, 4, 6, 7, 8 and 10 of this Response are to be charged to Deposit Account No. 08-0219. Please also charge any additional fees that might be due to Deposit Account No. 08-0219.

If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Date: 8/25/04  
WILMER CUTLER PICKERING  
HALE AND DORR LLP  
60 State Street  
Boston, MA 02109  
(617) 526-6000  
(617) 526-5000 (Facsimile)

Ann-Louise Kerner  
Ann-Louise Kerner, Ph.D.  
Reg. No. 33,523  
Attorney/Agent for Applicant